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# Product datasheet for MR223793L4V

## Tgif1 (NM_001164077) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Tgif1 (NM_001164077) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Tgif1 |
| **Synonyms:** | AA959811; AI462167; Tgif |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001164077 |
| **ORF Size:** | 759 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR223793). |
| **OTI Disclaimer:** | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| **OTI Annotation:** | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| **RefSeq:** | NM_001164077.1, NP_001157549.1 |
| **RefSeq Size:** | 1674 bp |
| **RefSeq ORF:** | 759 bp |
| **Locus ID:** | 21815 |
| **UniProt ID:** | P70284 |
| **Cytogenetics:** | 17 E1.3 |

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**Gene Summary:** Binds to a retinoid X receptor (RXR) responsive element from the cellular retinol-binding protein II promoter (CRBPII-RXRE). Inhibits the 9-cis-retinoic acid-dependent RXR alpha transcription activation of the retinoic acid responsive element. May participate in the transmission of nuclear signals during development and in the adult, as illustrated by the down-modulation of the RXR alpha activities (By similarity).[UniProtKB/Swiss-Prot Function]